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Abstract

Communication terminal with bandwidth widening and echo compensation

The invention relates to a communication terminal with a signal reception path which has a bandwidth widening device (ABE) for artificially widening the bandwidth of a received signal in the communication terminal, a digital/analog converter (1) and a loudspeaker (LS), and having a signal transmission path, which has a microphone (MIC), a transmission path low-pass filter (TP2) and an analog/digital converter (2), in which case an echo compensation device (AEC) is provided between one output of the bandwidth widening device (ABE) and a connecting point (3) of the signal transmission path, beyond the analog/digital converter (2) with respect to the microphone (MIC), and to a method for artificially widening the bandwidth of a received signal in a communication terminal.

(Figure 2)